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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/462,682	
	Filing Date	April 28, 2000	
	First Named Inventor	FitzGerald, David J.	
	Group Art Unit	1645	
	Examiner Name	Portner, Virginia	
Total Number of Pages in This Submission	1	Attorney Docket Number	015280310100

ENCLOSURES (check all that apply)		
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Firm and Individual name	Townsend and Townsend and Crew LLP Kenneth A. Weber Reg No. 31,677
Signature	
Date	September 28, 2001

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Typed or printed name	Jo Ann Honcik Dallara
Signature	Date September 28, 2001

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On Sept. 28, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: Dallara

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FITZGERALD, David J.

Application No.: 09/462,682

Filed: April 28, 2000

For: PSEUDOMONAS EXOTOXIN A-
LIKE CHIMERIC IMMUNOGENS

Examiner: Portner, Virginia

Art Unit: 1645

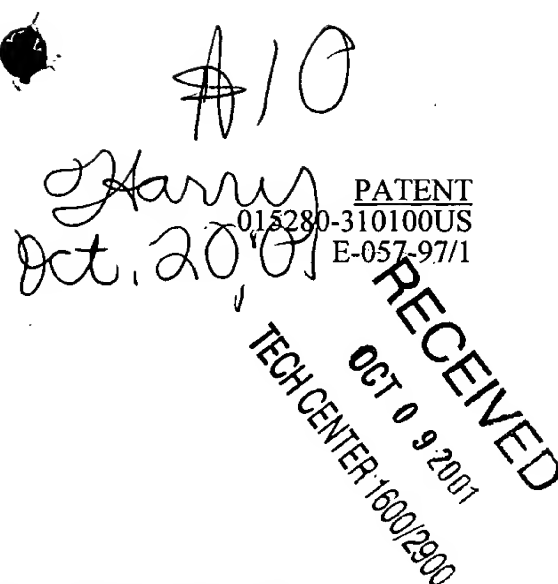
RESPONSE TO RESTRICTION
REQUIREMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Madam:

In response to the office action mailed August 6, 2001, requesting restriction under 35 U.S.C. 121 and 372, Applicant elects Group I. Applicant further elects the species wherein the cell recognition domain is the PE domain and the non-native epitope comprises a cysteine-cysteine loop that comprises the non-native epitope. The following claims read on the elected species: 1-4, 7-18, and 24-38.

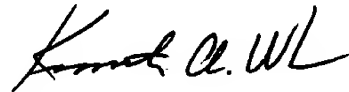
The Examiner suggests in paragraph 2, that each species lacks unity with other species. Applicant disagrees that all species are distinct from each other. For example, a common structure in many species is the non-native epitope domain, wherein a non-native epitope is located between two cysteine residues resulting in a loop structure of the non-native epitope within the chimeric immunogen. The following species share



the cysteine-cysteine loop as a common structural feature: the cysteine-cysteine loop, SEQ ID NO 3, SEQ ID NO 4, V3 loop of gp120 of HIV-1, V3 loop of gp120 of HIV-1 (≥ 8 a.a.), V3 domain of HIV-1, ntPE-V3MN14, and ntPE-V3MN26. In addition, the species share other common structural features such as the translocation domain and the endoplasmic reticulum retention domain.

Applicant requests an interview with the Examiner, after allowable subject matter is identified, to discuss an appropriate scope of the claims.

Respectfully submitted,



Kenneth A. Weber
Reg. No. 31,677

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
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